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**ATTORNEY'S DOCKET NUMBER: 0342941-0065 (HU01275-96C)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ptashne, et al. Examiner: \_\_\_\_\_  
Serial No.: 09/943,944 Art Unit: 1645  
Filed: August 31, 2001  
For: TRANSACTIONAL ACTIVATION SYSTEM, ACTIVATORS, AND USES  
THEREFOR

U.S. Patent and Trademark Office  
Box Sequence  
P.O. Box 2327  
Arlington, VA 22202

Sir:

**STATEMENT UNDER 37 CFR §1.821**

In response to the Notice to Comply with Requirements for Patent Applications containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed on January 9, 2003, Applicant encloses herewith a paper copy and a computer-readable diskette copy of the Sequence Listing required under 37 C.F.R. 1.821-1.825 for the above-referenced patent application.

The undersigned states that the sequence listing information recorded in computer readable form is identical to the written sequence listing.

Please charge any fees that may be required or credit any overpayments to our Deposit Account No. 03-1721.

Respectfully submitted,

Brenda Herschbach Jarrell, Ph.D.  
Registration Number 39,223

Choate, Hall & Stewart  
Exchange Place  
53 State Street  
Boston, MA 02109  
(617) 248-5000  
Dated: 4/2/03

<b>Certificate of Mailing</b>	
I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202	
Date <u>4/3/03</u>	Signature <u>Sandra Saccoccia</u>
Typed or Printed Name of person signing certificate <u>Sandra Saccoccia</u>	



**ATTORNEY DOCKET NO: 0342941-0065 (HU01275-96 CON)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ptashne *et al.*

Examiner: NA

Serial No.: 09/943,944

Art Unit: 1645

Filing Date: August 31, 2001

Title: TRANSCRIPTIONAL ACTIVATION SYSTEM, ACTIVATORS,  
AND USES THEREFOR

U.S. Patent and Trademark Office  
Box Sequence  
P.O. Box 2327  
Arlington, VA 22202

Sir:

**RESPONSE TO NOTICE TO COMPLY**

A Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures was mailed in the above-referenced case on January 9, 2003 ("Notice to Comply"). This Notice to Comply indicated two errors in the Sequence Listing:

1. Missing explanations of n or Xaa; and
2. Missing descriptions of Artificial Sequences.

**Certificate of Mailing**

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202

4/3/03

Date

Signature

Sandra Saccoccia

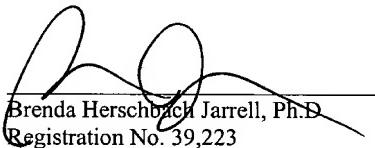
Typed or Printed Name of person signing certificate

Applicant respectfully submits that the explanations of n or Xaa were not missing. Applicant has prepared an updated Sequence Listing that further includes the descriptions of Artificial Sequences. The following materials are enclosed:

1. A Paper Copy of the Sequence Listing;
2. A Computer Readable Copy of the Sequence Listing;
3. A Statement indicating that the Paper Copy and the Computer Readable Copy are the same;
4. An Amendment introducing the new Sequence Listing into the application.

Applicant understands that there is no fee associated with this matter. Should this understanding be in error, please charge any necessary fees, or credit any overpayments, to our Deposit Account number to our Deposit Account No. 03-1721.

Respectfully submitted,



Brenda Herschbach Jarrell, Ph.D.  
Registration No. 39,223

Choate, Hall & Stewart  
Exchange Place  
53 State Street  
Boston, MA 02109  
(617) 248-5000  
Dated: 4/2/03



03/03

ATTORNEY'S DOCKET NUMBER: 0342941-0065 (HU01275-96C)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ptashne, *et al.* Examiner:  
Serial No.: 09/943,944 Art Unit: 1645  
Filed: August 31, 2001  
For: TRANSACTIONAL ACTIVATION SYSTEM, ACTIVATORS, AND USES  
THEREFOR

U.S. Patent and Trademark Office  
Box Sequence  
P.O. Box 2327  
Arlington, VA 22202

Sir:

TRANSMITTAL LETTER

Enclosed are the following documents:

- 1) Copy of Notice to Comply with Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures
- 2) Response to Notice to Comply including:
  - (a) Paper copy of Sequence Listing (69 pgs.)
  - (b) Computer Readable Form of Sequence
  - (c) Statement Under 37 CFR § 1.821 (1 pg.)
  - (d) Amendment Introducing Sequence Listing (1 pg.); and
- 3) Return Postcard

If any additional fees are required to be paid or if any overpayment has been made, please charge same to Deposit Account No. 03-1721.

Respectfully submitted,

Brenda Herschbach Jarrell, Ph.D.  
Registration Number 39,223

CHOATE, HALL & STEWART  
Exchange Place  
53 State Street  
Boston, MA 02109  
(617) 248-5000

Date: 4/2/03

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Date: <u>4/3/03</u>	Signature: <u>Sandra Saccoccia</u>
Sandra Saccoccia	
Typed or Printed Name of person signing certificate	



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

Commissioner for Patents  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/943,944	08/31/2001	Mark Ptashne	0342941-0065 (HU01275-96C)

24280  
Choate, Hall & Stewart  
Exchange Place  
53 State Street  
Boston, MA 02109

CONFIRMATION NO. 2061

FORMALITIES LETTER



\*OC00000009356193\*

Date Mailed: 01/09/2003

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES**

*Filing Date Granted*

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

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